| Ref<br># | Hits    | Search Query  | DBs                             | Default<br>Operator | Plurals | Time Stamp       |
|----------|---------|---|---------------------------------|---------------------|---------|------------------|
| L1 .     | 957     | 204/192.11,192.27,192.28.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:00 |
| L2       | 1082    | 148/518,525,537,668.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:01 |
| L3       | 3053    | 427/527,531,532,534,535,160.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:01 |
| L4       | 79      | 148/713.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:01 |
| L5       | 8536    | 430/5.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:02 |
| L6       | 3843    | 430/311.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:02 |
| L7       | 203328  | (mask or photomask or reticle).ti, ab,clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:02 |
| L8       | 1114721 | (blank or substrate).ti,ab,clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:03 |
| L9       | 453794  | mask or photomask or reticle  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:03 |
| L10      | 1703548 | blank or substrate  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:03 |
| L11      | 639791  | reflective or reflection or reflecting  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:04 |
| L12      | 218491  | multilayer or multi layer   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:04 |
| L13      | 10027   | extreme ultraviolet or extreme ultra<br>violet or extreme UV or EUV or soft<br>xray or soft x ray | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:05 |
| L14      | 3       | (1 or 2 or 3) and (7 with 8 with 11 with 12) and 13   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:08 |
| L15      | 4       | (1 or 2 or 3) and (9 with 10 with 11 with 12) and 13 not 14                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2006/12/14 11:10 |

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| L16 | 2       | (1 or 2 or 3) and (9 same 10 same 11 same 12) and 13 not 14 not 15  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:10 |
| L17 | 3344257 | heat\$3 or bak\$3 or thermal\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:13 |
| L18 | 90319   | (compress\$3 or tens\$3) with stress  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:14 |
| L19 | 609578  | stress  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:14 |
| L20 | 1586007 | mix or mixed or mixing or intermix or intermixed or intermixing   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:15 |
| L21 | 524854  | diffuse or diffusion or diffused or<br>diffusing or interdiffuse or<br>interdiffusion or interdiffused or<br>interdiffusing | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:15 |
| L22 | 1247103 | 17 same (degree or "C" or "F")  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ . | ON          | 2006/12/14 11:17 |
| L23 | 101492  | (molybdenum or "Mo") same<br>(silicon or "Si") or "Mo/Si"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 12:56 |
| L24 | 5787884 | avoid\$3 or suppress\$3 or stop\$4 or prevent\$3 or inhibit\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:18 |
| L25 | 1698    | 23 same (17 or temperature) same (18 or 19)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:21 |
| L26 | 66      | 25 same 24 same (20 or 21)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:23 |
| L27 | 66      | 26 not 14 not 15 not 16   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:24 |
| L28 | 4954    | (resist or photoresist) with amplif\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:25 |
| L29 | 540     | 28 with (electron beam or e beam)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:26 |
| L30 | 60      | 29 same (9 with 10)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ   | ON          | 2006/12/14 11:29 |

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|-----|---------|--|---------------------------------|-----|----|--------------------|
| L31 | 8       | 30 same (17 or temperature) same (degree or "C" or "F")  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:00   |
| L32 | 46      | 30 and (17 or temperature) same (degree or "C" or "F") not 31  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:02   |
| L33 | 1       | 4 and 23   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:03   |
| L34 | 2       | 27 same liquid   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:05   |
| L35 | 14      | 23 same 11 same 12 same (17 or<br>temperature or anneal\$4) same<br>(liquid or fluid or clean\$3 or acid)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:18   |
| L36 | 86      | (5 or 6) and (7 or 9) same 11 same<br>12 same (17 or temperature or<br>anneal\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:22   |
| L37 | 40      | 36 and 22 not 14 not 15 not 16 not<br>31 not 32 not 33 not 34 not 35   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:27   |
| L38 | 40 ·    | 36 not 14 not 15 not 16 not 31 not<br>32 not 33 not 34 not 35 not 37   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:27   |
| L39 | 1490    | 378/34-35.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:28   |
| L40 | 148     | 39 and (7 or 9) same 11 same 12  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:29   |
| L41 | 461043  | resist or photoresist  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:32 . |
| L42 | 1152861 | semiconductor or wafer   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:33   |
| L43 | 84      | 40 and 9 same 41 same 42 not 14 not 15 not 16 not 31 not 32 not 33 not 34 not 35 not 37 not 38                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:39   |
| L44 | 22      | 43 and 41 same (17 or temperature or anneal\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:37   |
| L45 | 17      | (Tsutomu near2 Shoki).in. and<br>(Hoya).as. not 14 not 15 not 16 not<br>31 not 32 not 33 not 34 not 35 not<br>37 not 38 not 44 | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:41   |

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|-----|-------|---|---------------------------------|-----|----|------------------|
| L46 | 0     | (Tsutomu near2 Shoki).in. not 14<br>not 15 not 16 not 31 not 32 not 33<br>not 34 not 35 not 37 not 38 not 44<br>not 45                              | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:41 |
| L47 | 16    | 30 same (17 or temperature or anneal\$4) not 31   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:44 |
| L48 | 32626 | 23 same (17 or temperature or<br>anneal\$4) not 14 not 15 not 16 not<br>31 not 32 not 33 not 34 not 35 not<br>37 not 38 not 44 not 45 not 47        | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 12:59 |
| L49 | 111   | 48 same (11 with 12)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 13:00 |
| L50 | 3362  | 134/3,28,41.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 13:01 |
| L51 | 17    | 50 and 48   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 13:19 |
| L52 | 347   | (7 or 9) same (measur\$5 or test\$3 or detect\$3 or sens\$3 or analy\$4) same ((peak or maximum or highest) with (reflectance or 11 or wavelength)) | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 13:30 |
| L53 | 10    | 52 same 12  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 13:31 |
| L54 | 26    | 52 and 13 not 53  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2006/12/14 13:32 |

| Ref<br># | Hits | Search Query    | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|-----------------|--------------------|---------------------|---------|------------------|
| S97      | 1    | ("7056627").PN. | US-PGPUB;<br>USPAT | OR                  | OFF     | 2006/12/09 18:16 |